Large Format Print Solutions ideal for CAD & GIS

iPF650 / iPF655

you can

The **imagePROGRAF iPF650 and iPF655** are 24" large format printers, designed for high quality, outstanding accuracy and productivity for greater return on investment.

iPF650 / iPF655
24 INCH

2,400 X 1,200DPI

ECONOMY PRINTING MODE

5 COLOURS

A1 30 SECONDS

160GB HDD (iPF655)

15,360 NOZZLES

BORDERLESS PRINTING

Key Features

- Manage costs and track ROI - Full accounting and eMaintenance software included.
- High capacity basket with stacking functionality to prevent damage to prints.
- Space saving - Unique compact design to fit anywhere.
- User Friendly - Simple roll paper loading system and control the print from the front.

- Maximise productivity -"Hot Swap" ink tanks, changeable during production
- Minimise printer downtime with media mismatch detection (iPF655).
- Highly accurate with 0.02mm minimum line width and +/-0.1% line accuracy.
- Integrate with your office applications with Microsoft Office Plug-in.

- HP-GL/2 and HP-RTL Compatible: -
  - Capable of handling large vector files
  - HP-GL/2 pallet and pen settings
  - HP-GL/2 and HP-RTL nesting (iPF655).
  - HP-GL/2 auto-rotation.

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Canon

Specifications: iPF650 / iPF655

Class	24-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2,400 x 1,200dpi
Printing Speed	
(A1 Roll, Full Colour Image)	
Plain Paper	0.30 (Draft mode)
	0.43 (Standard Mode)
Coated Paper	0.43 (Draft Mode)
	1.18 (Standard Mode)
	2.06 (High Quality Mode)
Dimensions, Weight (Net)	
W x D x H (mm), (kg)	iPF650: Main unit only 997(W) x 698(D) x 507(H)mm; Weight: approx. 43.4kg
	iPF655: Main unit only 997(W) x 698(D) x 507(H)mm; Weight: approx. 43.6kg
	iPF650: Main unit with a basket open and a printer stand 997(W) x 870(D) x 1,062(H)mm; Weight: approx. 53.7kg (roll holder included, no inks, no print heads)
	iPF655: Main unit with a basket open and a printer stand 997(W) x 870(D) x 1,062(H)mm; Weight: approx. 53.9kg (roll holder included, no inks, no print heads)
Dimensions, Weight (Packaged)	
W x D x H (mm), (kg)	iPF650: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63kg
	iPF655: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63.2kg
	iPF650: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg
	iPF655: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg
Power Supply	
Input power	AC 100 - 240 V (50/60 Hz)
Power consumption	140 W or less
Standby power consumption (At the low power mode)	
220 V - 240 V	6 W or less
100 V - 120 V	5 W or less
Power off (standby)	1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	Temperature: 15 - 30ºC, Humidity: 10 - 80% (Condensation free
Acoustic pressure	Operation: 47 dB (A) or less, Standby: 35 dB (A) or less
Acoustic power	Operation: 6.4 Bels or less
Minimal Line Width	0.02mm (Theoretical value)
Line Accuracy	±0.1 % or less (User adjustments necessary. Printing environment media must match that used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.)
Operation Panel Display	Large LCD: 160 x 128 dots, Key x 13, LED x 5
Language on operation panel	US-English, Japanese
Displayable Language on LCD	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji), Russian
Printer Language	GARO, HP-GL/2, HP RTL
Interface	
USB	
Type	Built-in
Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Connector type	Series B (4 pins)
Ethernet	
Type	Built-in
Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex, IEEE 802.3ab 1000base-T/Auto-Negotiation
Protocol	IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Operating Systems supported	
Windows	2000 (32)/XP (32 & 64)/Server 2003 (32 & 64)/Server 2008 (32 & 64)/Vista (32 & 64)
Macintosh	OS X (32 & 64)
Memory	
Standard Memory	256Mb
HDD	iPF655 - 160Gb (including 8Gb Dynamic Memory)

Print head	
Model	PF-04
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head)
Nozzle pitch	1,200dpi
Nozzle per chip	MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each
Droplet size	4 pl per colour
Head replacement	User replacement

Ink tank	
Model	PFI-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M

Media handling	
Roll paper	One roll, front-loading, front output
Cut sheet	Top-feeding, front output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper 80gsm
	Standard Paper 90gsm
	Matt Coated Paper 90gsm
	Glossy Photo Quality Paper 190gsm / 240gsm / 300gsm
	Satin Photo Quality Paper 190gsm / 240gsm / 300gsm
	Pearl Photo Paper 260gsm
	Matt Coated Paper 120gsm / 140gsm / 180gsm
	Opaque White Paper 120gsm
	High Resolution Self-adhesive Graphic Paper 140gsm
	High Resolution Barrier Paper 180gsm
	Glossy Proofing Paper 195gsm
	Semi-Glossy Proofing Paper 195gsm / 255gsm
Media Size	
Roll paper (width)	ISO: A3, A2, A2+ A1
	JIS: B2, B4
	ARCH: 24”
	Others: 10”, 14”, 16”, 17”, Banner (300mm)
Cut sheet	ISO: A4, A3, A3+, A2, A2+, A1, B4, B3, B2
	DIN: C4, C3, C2
	JIS: B4, B3, B2
	ANSI: 8.5 x 11”, 8.5 x 14”, 11 x 17”, 13 x 19”, 17 x 22”, 22 x 34”
	ARCH: 9 x 12”, 12 x 18”, 18 x 24”, 24 x 36”
	Photo: 20 x 24”, 18 x 22”, 14 x 17”, 12 x 16”, 10 x 12”, 10 x 15”, 16 x 20” (US Photo size)
	Poster: 20 x 30”, 300 x 900mm
	Others: 13 x 22”,
Media Thickness	Roll paper & Cut sheet: 0.07 – 0.8mm
Maximum Outside Diameter of Roll Paper	150mm
Media Core Size	Internal diameter of roll core: 2” / 3”
Media Width	Roll paper: 254 – 609.6mm (24”)
	Cut sheet: 203.2 – 609.6mm (24”)
Minimum Regular Format Size (Vertical)	Roll Paper: 203.2mm (8”)
	Cut Sheet: 279.4mm (11”): Letter size (long side)
Maximum Printable Paper Length	Roll paper: 18m (Varies according to the OS and application)
	Cut sheet: 1.6m (Varies according to the OS and application)
Margins (Top, Bottom, Sides) Recommended area	Roll paper: Top: 20mm, Bottom: 5mm, Side: 5mm
	Cut sheet: Top: 20mm, Bottom: 23mm, Side: 5mm
Printable area	Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm
	Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm
	Cut sheet: Top: 3mm, Bottom: 23mm, Side: 3mm
Media width for borderless printing	10”(254mm), B4(257mm), A3(297mm), Banner(300mm), 14”(356mm), A2(420mm), A2+/17”(432mm), B2(515mm) A1(594mm), 24”(610mm)

Option	
Roll Holder Set (2-inch core spindle with 3”core roll media)	RH2-26
Printer Stand/Basket	ST-26

Consumables	
Ink Tank	PFI-102 (130ml);MBK/BK/C/Y, PFI-104: M
Print Head	PF-04
Maintenance Cartridge	MC-10

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